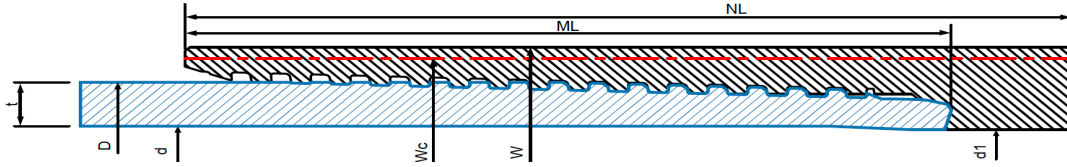


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	7"
WEIGHT:	35.00 lb/ft
WALL THICKNESS:	0.498"
DRIFT (API):	5.879"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.000 INSIDE DIA.(in): 6.004 Plain End Weight: 34.61 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135	150
	PIPE BODY YIELD STRENGTH (klb)	814	814	915	966	1119	1119	1272	1424
	INTERNAL YIELD PRESSURE (psi)	9960	9960	11210	11830	13700	13700	15560	17430
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	10.172	10.172	10.172	10.172	10.172	10.172	10.172	10.172
	COLLAPSE PRESSURE (psi)	10180	10180	11170	11650	13030	13030	14310	17540

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	7.788	7.788	7.788	7.788	7.788	7.788	7.788	7.788
	NOMINAL CONNECTION ID (in)	5.941	5.941	5.941	5.941	5.941	5.941	5.941	5.941
	MAKE-UP LOSS (in)	4.775	4.775	4.775	4.775	4.775	4.775	4.775	4.775
	COUPLING LENGTH (in)	11.540	11.540	11.540	11.540	11.540	11.540	11.540	11.540
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	478	478	538	568	658	658	747	837

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	814	814	915	966	1119	1119	1272	1424
		COMPRESSION WITH SEALABILITY (klb)	814	814	915	966	1119	1119	1272	1424
	RESISTANCE	INTERNAL PRESSURE (psi)	9960	9960	11210	11830	13700	13700	15560	17430
		EXTERNAL PRESSURE (psi)	10180	10180	11170	11650	13030	13030	14310	17540
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	52	52	59	62	72	72	82	92
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	N80	90	95	110	C110	125	140
REGULAR	MINIMUM (ft. lb)	16300	16300	18600	18600	20600	20600	20850	20850
	OPTIMUM (ft. lb)	18100	18100	20600	20600	22800	22800	23150	23150
	MAXIMUM (ft. lb)	19900	19900	22600	22600	25000	25000	25450	25450
SHOULDERING TORQUE (ft. lb)	MINIMUM (ft. lb)	910	910	1030	1030	1140	1140	1160	1160
	MAXIMUM (ft. lb)	12670	12670	14420	14420	15960	15960	16200	16200
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	MAXIMUM	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.